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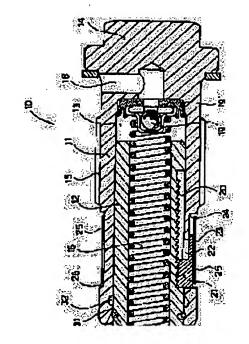
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(54) CARTRIDGE TYPE TENSIONER

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a low-cost cartridge type tensioner of simple structure provided with a nonreturn device for a piston.

SOLUTION: This cartridge type tensioner 10 is provided with a cylinder 11, the hollow piston 12 axially slidable in a hole 13 of the cylinder 11, and a compression spring 16 for energizing the piston 12 in a direction of projecting from the cylinder 11. A skirt part of the piston 12 is provided with a vertical rack 20, and a toothed pad 21 engaged with the rack 20 is provided in a



hole 22 opened in a cylinder wall surface. The toothed pad 21 is energized to the side of the rack 20 by a spring 25 accommodated in a seat 26 of the cylinder 11.

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